

CRF Errors Corrected by the STIC Systems

ch.

Serial Number:

10/0/8,869

CRF Processing Date:

5/29/2003

Edited by:

Verified by:

(STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____



PCT10

RAW SEQUENCE LISTING

DATE: 05/29/2003

PATENT APPLICATION: US/10/018,869

TIME: 19:24:08

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\05292003\J018869.raw

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3 <110> APPLICANT: Rini, James M.
4     Unligil, Ulug M.
5     Schachter, Harry
7 <120> TITLE OF INVENTION: GLYCOSYLTRANSFERASES STRUCTURES
9 <130> FILE REFERENCE: 12243.23USWO
11 <140> CURRENT APPLICATION NUMBER: 10/018,869
C--> 12 <141> CURRENT FILING DATE: 2001-12-18
14 <150> PRIOR APPLICATION NUMBER: US 60/139,949
15 <151> PRIOR FILING DATE: 1999-06-18
17 <150> PRIOR APPLICATION NUMBER: US 60/161,809
18 <151> PRIOR FILING DATE: 1999-10-27
20 <150> PRIOR APPLICATION NUMBER: US 60/178,401
21 <151> PRIOR FILING DATE: 2000-01-27
23 <150> PRIOR APPLICATION NUMBER: US 60/202,509
24 <151> PRIOR FILING DATE: 2000-05-05
26 <150> PRIOR APPLICATION NUMBER: PCT/CA00/00725
27 <151> PRIOR FILING DATE: 2000-06-16
29 <160> NUMBER OF SEQ ID NOS: 13
31 <170> SOFTWARE: PatentIn version 3.1
33 <210> SEQ ID NO: 1
34 <211> LENGTH: 30
35 <212> TYPE: PRT
36 <213> ORGANISM: Oryctolagus cuniculus
38 <400> SEQUENCE: 1
40 Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr
41 1             5             10             15
44 Phe Gln Ala Thr Tyr Pro Leu Leu Lys Ala Asp Pro Ser Leu
45      20             25             30
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 30
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
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60      20             25             30
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 30
65 <212> TYPE: PRT
66 <213> ORGANISM: Mus musculus
68 <400> SEQUENCE: 3
70 Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr

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71 1          5          10          15
74 Phe Gln Ala Thr Tyr Pro Leu Leu Arg Thr Asp Pro Ser Leu
75          20          25          30
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 30
80 <212> TYPE: PRT
81 <213> ORGANISM: Rattus rattus
83 <400> SEQUENCE: 4
85 Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr
86 1          5          10          15
89 Phe Gln Ala Thr Tyr Pro Leu Leu Lys Ala Asp Pro Ser Leu
90          20          25          30
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 30
95 <212> TYPE: PRT
96 <213> ORGANISM: Cricetulus curtatus
98 <400> SEQUENCE: 5
100 Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr
101 1          5          10          15
104 Phe Gln Ala Thr Tyr Pro Leu Leu Arg Thr Asp Pro Ser Leu
105          20          25          30
108 <210> SEQ ID NO: 6
109 <211> LENGTH: 30
110 <212> TYPE: PRT
111 <213> ORGANISM: Mesocricetus auratus
113 <400> SEQUENCE: 6
115 Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Phe Glu Tyr
116 1          5          10          15
119 Phe Gln Ala Thr Tyr Pro Leu Leu Arg Thr Asp Pro Ser Leu
120          20          25          30
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 30
125 <212> TYPE: PRT
126 <213> ORGANISM: Rana pipiens
128 <400> SEQUENCE: 7
130 Ile Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe Tyr Glu Tyr
131 1          5          10          15
134 Phe Gln Thr Thr Ile Ser Leu Leu Gln Lys Asp Arg Met Leu
135          20          25          30
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 30
140 <212> TYPE: PRT
141 <213> ORGANISM: Caenorhabditis elegans
143 <400> SEQUENCE: 8
145 Ile Ile Thr Glu Asp Asp Leu Asp Ile Ala Pro Asp Phe Phe Ser Tyr
146 1          5          10          15
149 Phe Ser Asn Thr Arg Tyr Leu Leu Glu Lys Asp Pro Ser Leu
150          20          25          30
153 <210> SEQ ID NO: 9

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154 <211> LENGTH: 30
155 <212> TYPE: PRT
156 <213> ORGANISM: Caenorhabditis elegans
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161 1 5 10 15
164 Phe Arg Trp Gly Lys Gln Val Leu Asn Ser Asp Asp Thr Leu
165 20 25 30
168 <210> SEQ ID NO: 10
169 <211> LENGTH: 56
170 <212> TYPE: PRT
171 <213> ORGANISM: Oryctolagus cuniculus
173 <400> SEQUENCE: 10
175 Arg His Tyr Arg Trp Ala Leu Gly Gln Ile Phe His Asn Phe Asn Tyr
176 1 5 10 15
179 Pro Ala Ala Val Val Val Glu Asp Asp Leu Glu Val Ala Pro Asp Phe
180 20 25 30
183 Lys Ala Phe Trp Asp Asp Trp Met Arg Arg Pro Glu Gln Arg Lys Gly
184 35 40 45
187 Arg Ala Cys Val Arg Pro Glu Ile
188 50 55
191 <210> SEQ ID NO: 11
192 <211> LENGTH: 55
193 <212> TYPE: PRT
194 <213> ORGANISM: Bacillus subtilis
196 <400> SEQUENCE: 11
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199 1 5 10 15
202 Glu Tyr Ile Thr Tyr Ala Thr Asp Asp Asn Ile Tyr Met Pro Asp Arg
203 20 25 30
206 Tyr Arg Ile Gly Asp Ala Arg Phe Phe Trp Arg Val Asn His Phe Tyr
207 35 40 45
210 Pro Phe Tyr Pro Leu Asp Glu
211 50 55
214 <210> SEQ ID NO: 12
215 <211> LENGTH: 56
216 <212> TYPE: PRT
217 <213> ORGANISM: Bos taurus
219 <400> SEQUENCE: 12
221 Lys Leu Leu Asn Val Gly Phe Lys Glu Ala Leu Lys Asp Tyr Asp Tyr
222 1 5 10 15
225 Asn Cys Phe Val Phe Ser Asp Val Asp Leu Ile Pro Met Asn Asp His
226 20 25 30
229 Trp Gly Gly Glu Asp Asp Asp Ile Tyr Asn Arg Leu Ala Phe Arg Gly
230 35 40 45
233 Met Ser Val Ser Arg Pro Asn Ala
234 50 55
237 <210> SEQ ID NO: 13
238 <211> LENGTH: 58

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239 <212> TYPE: PRT

240 <213> ORGANISM: Escherichia coli

242 <400> SEQUENCE: 13

244 Leu Gly Thr Gly His Ala Met Gln Gln Ala Ala Pro Phe Phe Ala Asp

245 1 5 10 15

248 Asp Glu Asp Ile Leu Met Leu Tyr Gly Asp Val Pro Leu Ile Ser Val

249 20 25 30

252 Glu Thr Gly Glu Tyr Tyr Ile Thr Asp Ile Ile Ala Leu Ala Tyr Gln

253 35 40 45

256 Glu Gly Arg Glu Ile Val Ala Val His Pro

257 50 55

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,869

DATE: 05/29/2003

TIME: 19:24:10

Input Set : A:\PTO.AMC.txt

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date